

DATE

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PD-4-S 10-22-04

6''

LIFTING LOOP DETAIL

Keyway surfaces shall be cleaned to remove form oil or other bond breaking material prior to shipment of the beams. Cleaning shall be done by sandblasting the keyway areas between top of

the beam and the bottom edge of the key. Corrosion Inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

Required Release Strength, f'ci, shall be 4000 p.s.i.

See Sheet 7 of 15 for 21" x 36" PPC Deck Beam details.

See Sheet 5 of 15 for Cross Section.

Bridge Rail inserts shall be cast into precast beams. See Sheet 5 of 15 for spacing and sheet 9 of 15 for rail details. Cost included with Precast Prestressed Concrete Deck Beams, (21" Depth).

21"x48" PPC DECK BEAM DETAILS RUSER IL RTE 177 OVER GRAND POINT CRK FAS ROUTE 819 SECTION 101BR-3 WASHINGTON COUNTY STATION 160+70.00 06/01/06 STRUCTURE NUMBER 095-0021 COOMBE-BLOXDORF P.C Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703 OF 15 SHT

END PLAN AT PIER

Each End.